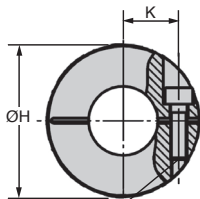


- Backlash and maintenance free
- High torsional stiffness
- Low moment of inertia
- Shaft/bore link without backlash
- Recommended assembly tolerances H7/g6
- Working temperature -30°C to +100°C
- Materials:
 - Hub: aluminium
 - Bellows: stainless steel
- Please specify bore size on order (between min and max Ø)



G ISO 4762(DIN 912)
*Undercut diameter



clamp fixing

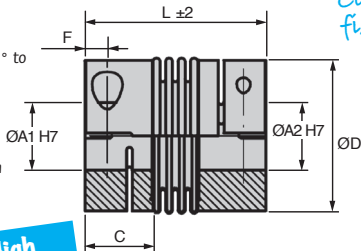
Options

- Keyway according to DIN6885 on request (tolerance JS9)
- Orientation of the keyways at 180° to each other
- Stainless steel version on request

Torque calculation

- Use the formula
- $T_{RN} > K \times T_{AS} \times J_{mach} / (J_{mot} + J_{mach})$ in Nm
- With following safety coefficient:
 - K = 1.5 for regular motion
 - K = 2 for irregular motion
 - K = 2.5 - 4 for jerky motion
- Jx = moment of inertia (machine + motor)
- T_{AS} Required torque

High Precision



DISCOUNTS

Qty	1+	3+	6+
Disc.	List	-8%	On request

Part number	Max. speed (rpm)	radial (mm)	Misalignment axial (mm)	angular	Nominal torque (Nm)	Torsional stiffness (10 ³ Nm/Rad)	Moment of inertia (10 ⁻³ kgm ²)	Tightening torque (Nm)	Weight (kg)
AKN18-63	12 700	0,2	0,5	1,5°	22	8	0,05	6	0,13
AKN30-65	10 200	0,1	0,4	1,0°	36	35	0,11	12	0,25
AKN60-78	8 600	0,1	0,4	1,0°	75	75	0,29	30	0,41
AKN80-91	6 800	0,2	0,4	1,0°	95	130	0,87	60	0,74
AKN150-91	6 800	0,2	0,4	1,0°	180	150	0,87	85	0,74

Part number	ØA mini.	ØA maxi.	L	ØD	C	F	G	K	ØH	Pric each No keyway	1 to 2 With keyway
AKN18-63	8	26	63	45	20	6	M5	18	48	194,97 €	225,75 €
AKN30-65	10	30	65	55	25	8	M6	20	55	242,24 €	273,03 €
AKN60-78	12	35	78	64	29	10	M8	24	67	273,76 €	304,54 €
AKN80-91	14	42	90	80	33	12	M10	28	84	311,18 €	341,97 €
AKN150-91	14	42	90	80	33	12	M10	28	84	371,88 €	403,03 €

Dimensions in mm

Our other products



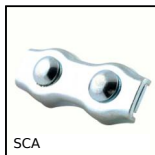
PW_PWG05
Worm - precision range, Stainless steel



PLC_PLT
Magnetic stud with central hole, With central hole



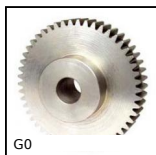
PTAF80-PAMF80
Articulated fixable foot with pressed base Ø80, Ø 80



SCA
Flat cable clamp, Steel



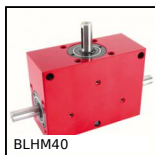
ACLEPP
Right angled bracket for aluminium profile, 4 holes



G0
Steel spur gear, Steel 20NCD2



SVG
Adjustable latch clamp with strike plate, Stroke from 82mm to 92mm



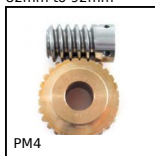
BLHM40
Right angled gearbox, double output shafts, up to 10.3 Nm



CHA138
Screwed hinge with threaded insert, 138



ACLEFS
Floor anchor for aluminium profile,



PM4
Worm and wheel set, Bronze



BAP
Plastic clamping collar, Ø10 - Ø20

Complementary products